

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*Complete if Known*

Application Number (to be assigned)

Filing Date (herewith)

First Named Inventor Norman G. ANDERSON

Group Art Unit 1634

Examiner Name Frank Lu



Sheet 1 of 3 Attorney Docket Number 2316-148

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
M	1	3468474		Shoblom et al.	09/23/1969
	2	3481712		Berstein et al.	12/10/1969
	3	3916205		Kleinerman	10/28/1975
	4	3957653		Blecher	05/18/1976
	5	4003834		Coombs	01/18/1977
	6	4106907		Charlton et al.	08/15/1978
	7	4214993		Forsythe, Jr. et al.	07/29/1980
	8	4260873		Simmonds	04/17/1981
	9	4303616		Kano et al.	12/01/1981
	10	4369117		White	01/18/1983
	11	4436631		Graham, Jr. et al.	03/13/1984
	12	4480038		Cheng	10/30/1984
	13	4558947		Wardlaw	12/17/1985
	14	4624835		Davis et al.	11/25/1986
	15	4695431		Farrell	09/22/1987
	16	4717660		Schulte	01/05/1988
	17	4861477		Kimura	08/29/1989
↓	18	4865812		Kuntz et al.	09/12/1989

Examiner Signature

*Frank Lu*

Date Considered

10/16/2002

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code.

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB Indicates that only an English language abstract is attached.

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u	19	5030421		Muller	07/09/1991
	20	5236604		Fiehler	08/17/1993
	21	5260032		Muller	11/09/1993
	22	5277873		Hsei	01/11/1994
	23	5342790		Levine et al.	08/30/1994
	24	5422018		Saunders et al.	06/06/1995
	25	5449621		Klein et al.	09/12/1995
	26	5488469		Yamamoto et al.	01/30/1996
	27	5489396		Bous	02/06/1996
	28	5550060		Saunders et al.	08/27/1996
	29	5531104		Futterer et al.	07/02/1996
	30	5552310		Yoshikura et al.	09/03/1996
	31	5558998		Hammond et al.	09/24/1996
	32	5599664		Schwartz	02/04/1997
	33	5632905		Haynes	05/27/1997
	34	5663051		Valasselaer	09/02/1997
	35	5853894		Brown	12/29/1998
	36	6074614		Hafeman et al.	06/13/2000
↓					
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
M	37	EP	412431	A3	Becton Dickinson and Company	02/13/1991	
	38	EP	595641	A2	Becton Dickinson and Company	05/04/1994	
	39	EP	602416	A1	Becton Dickinson and Company	06/22/1994	
	40	EP	823633 (Abstract)	A1	Komanns	02/11/1998	
↓	41	JP	4036636 (Abstract)	A1	Canon Inc.	02/06/1992	

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
M	42	N.G. Anderson et al., "Separation of Subcellular Components and Viruses by Combined Rate- and Isopycnic-Zonal Centrifugation," <i>Nat. Cancer Inst. Monogr.</i> 21:253-283 (1966) (pgs. 253-269).	
	43	G. Siuzdak, "Probing Viruses with Mass Spectrometry," <i>J. Mass Spectrometry</i> 33:203-211 (1998).	
	44	C.K. Tinkler et al., <i>The Chemistry of Petroleum and its Substitutes, A Practical Handbook</i> , Crosby Lockwood and Son, London, pp. 172-173 (1917).	
	45	R. Cross, "A Handbook of Petroleum, Asphalt and Natural Gas," Bulletin No. 25, Kansas City Testing Laboratory, Kansas City, MO, pp. 648-649 (1928 Revision).	
	46	<i>Tentative Method of Test for Water and Sediment by Means of Centrifuge</i> , ASTM Designation D96-50T (1950).	
	47	Fisher Scientific Catalog, pg. 417 (1998).	
	48	The ultimate high-capacity personal ultracentrifuge from Beckman Company, pp. 1-2, 1998.	
↓	49	N.E. Bowles et al., "A Simple and Efficient Method for the Concentration and Purification of Recombinant Retrovirus for Increased Hepatocyte Transduction <i>In Vivo</i> , <i>Hum Gen Ther</i> 7:1735-1742 (1996).	
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